Educational Goals and Objectives of Training Year NS-1 (PGY 2)

Residents in the Albany Medical Center Neurological Surgery Residency Program are expected to reach goals and objectives in six areas. Those areas and the expectations to be achieved in each area for NS-1 are:

**Patient Care**

The resident will develop the ability to:

- Take and document a comprehensive neurosurgery history and do a physical examination
- Understand when to order presurgical laboratory studies and imaging and what the results of such studies mean in the context of treatment
- Develop and implement appropriate care plans in consultation with the chief resident or attending surgeon
- Counsel patients on the risks, goals, limits and alternatives to both simple and more complex neurosurgical procedures supervised by the chief resident or attending surgeon
- Perform selected surgical procedures (e.g., ventriculostomies, VP shunt placement, simple craniotomies) under direct supervision of Chief resident or faculty
- Assist in major surgical procedures and perform, under supervision, portions of such procedures that are appropriate for his or her level of training
- Work with other health care professionals on the neurosurgery team and health care professionals from other disciplines who are involved in a patient's care

**Medical Knowledge**

The resident will develop the ability to:

- Perform above the 10th percentile on the ABNS primary examination
- Demonstrate a solid foundation of knowledge of anatomy, physiology and pharmacology related to inpatient neurosurgery patients
- Correctly interpret basic laboratory and radiological studies
- Demonstrate increasing familiarity with classic and current aspects of the neurosurgical literature
- Demonstrate a foundation for clinical neurosurgery problem-solving and decision-making

**Practice-Based Learning and Improvement**

The resident will develop the ability to:

- Demonstrate an ongoing and improving ability to learn from errors
- Locate, appraise, and assimilate evidence from scientific studies related to common neurosurgical problems

**Interpersonal and Communication Skills**

The resident will develop the ability to:

- Provide compassionate care as determined by patients, families, colleagues and auxiliary health professionals in wards and outpatient settings
- Work effectively as a member of a health care team
- Communicate effectively with other health care professionals on consulting services
### Professionalism

The resident will develop the ability to:

- Demonstrate sensitivity and responsiveness to patients' culture, age, gender and disabilities
- Demonstrate integrity and a commitment to patients that supercedes self interest
- Participate meaningfully in ongoing professional development by submitting research for peer review to journals and national meetings

### System-Based Practice

The resident will develop the ability to:

- Advocate for quality patient care and assist patients in dealing with system complexities
- Practice cost-effective health care and resource allocation by using evidence-based medical practice that does not compromise quality of care